User is the person that will using the app that is either a customer or an employee. User has attributes email, name, and address to keep track of the user.

Employee is a User that connects to Adds relationship. The employee can add one to many items to the inventory.

Inventory is where the products relate to the relationship stock. Inventory has two attributes, a foreign key ID from product and quantity. It’s here to keep track of what product and how many of it.

Customer is a User that connects to Add to Cart and Purchase relationship. The customer can add a product to the shopping cart. The customer can finalize the add cart products with purchase a product in stock and bring that to the shopping cart.

Product holds what the product is and can be added to cart and is in stock in inventory. The product has the attributes ID, color, and cost. The ID is to specify what the product is, color is what kind of colour the product is, and the cost is how much the product is.

Shopping cart is connected to the purchase and add to cart relationship. It holds what products that were add to cart and purchased. Shopping cart has an email attribute coming from the User and ID from product to verify who has purchased what product.

Order is connected to the purchase relationship. It has the attributes of order number, status, and shipped. Order number is the primary key to specify what the order is while status says if the order is in progress and shipped is if the product is shipped or not.